| - 1 | ndex | of Cla | aims |  |
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| Application/Control No. | Applicant(s)/Patent under |
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|                         | Reexamination             |
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10/525,092

Examiner

KIMURA ET AL.

Art Unit

Alicia M. Toscano

1712

| ✓  | Rejected |
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| 11 | Allowed  |

(Through numeral) Cancelled Restricted

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| 1 | Interference |

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| Cla   | im   |                                       |              |              |              | Date         | <del></del>  |          | _              |  |
| Final | Original   | 12/20/06                              | 5/8/07       |              |              |              |              |          |                |  |
|       |  | 7                                     |              |              |              |              |              |          | _              |  |
|       | -  | 1                                     | <u> </u>     | ├            |              | H            |              |          | $\vdash$       | $\vdash$   |
|       | - 2  | 1                                     | -            | $\vdash$     |              |              |              |          | -              | $\vdash$   |
|       | 3  | 1                                     | 1            | $\vdash$     |              | $\vdash$     | ⊢            | -        | $\vdash$       | ├  |
|       |  | J                                     | 1            | ┝            |              | <u> </u>     |              |          | -              | H  |
|       | 1<br>2<br>3<br>4<br>5<br>6                                     | J                                     | 1            | _            |              | $\vdash$     |              | _        | -              | <del> </del>                                     |
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|       | 7  | ij                                    | j            |              |              | $\vdash$     |              |          | $\vdash$       | Н  |
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|       | 10   | Ì                                     | j            | $\vdash$     |              | $\vdash$     |              |          | $\vdash$       |  |
|       | 11   | V                                     | 1            | $\vdash$     |              | $\vdash$     |              |          |                |  |
|       | 12   | 1                                     | 1            | -            |              | _            |              |          | $\vdash$       |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |              |              | l            |              |              |          | $\vdash$       |  |
|       | 14   | 1                                     | 1            | $\vdash$     |              |              | Г            |          | $\vdash$       |  |
|       | 15   | 1                                     | 1            |              | l —          |              |              |          | T              |  |
|       | 16   | 1                                     | 1            | $\vdash$     |              |              |              |          | $\vdash$       |  |
|       | 17   | 1                                     | 1            |              | _            | _            |              | _        | -              |  |
|       | 18   | 1                                     | 1            |              |              |              |              |          |                |  |
|       | 19   | 1                                     | 1            | $\vdash$     |              |              | $\vdash$     |          | _              | ┢  |
|       | 20   | 1                                     | 1            | $\vdash$     |              |              |              |          |                |  |
|       | 21   | V                                     | V            |              |              |              |              |          |                | Т  |
|       | 22   | 1                                     | 1            |              |              |              |              |          |                |  |
|       | 21<br>22<br>23<br>24<br>25<br>26                               | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1            | $\vdash$     |              |              |              |          |                |  |
|       | 24   | 1                                     | 1            |              |              |              |              |          |                |  |
|       | 25   | 1                                     | 1            |              |              |              |              |          |                |  |
|       | 26   | 1                                     | 1            | Г            |              |              |              |          | Г              |  |
|       | 27   | 1                                     | 1            |              |              |              |              |          |                |  |
|       | 27<br>28<br>29<br>30<br>31                                     | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1            |              |              |              |              |          |                |  |
|       | 29   | 1                                     | 1            |              |              |              |              |          |                |  |
|       | 30   | 1                                     | 1            |              |              |              |              |          |                | <u> </u>   |
|       | 31   | 1                                     | 1            |              | _            |              |              |          |                |  |
|       | 32<br>33   | L                                     | _            | L_           | L            |              | L            |          | L              |  |
|       | 33   | <u>_</u>                              | <u> </u>     | L_           |              | <u> </u>     |              |          |                | _  |
|       | 34   | <u> </u>                              | <u> </u> _   |              | <u> </u>     |              |              |          | <u> </u>       |  |
|       | 35<br>36   |                                       |              |              | <u> </u>     | <u> </u>     |              |          | _              | <u> </u>   |
|       | 36   | <u> </u>                              | <u> </u>     | <u> </u>     |              | <u> </u>     |              | <u> </u> |                | ļ  |
|       | 37   | <u> </u>                              | <u> </u>     |              |              | <u> </u>     | L            | _        | _              | <u> </u>   |
| •     | 38<br>39   | <del> </del>                          | <u> </u>     | <u> </u>     | <u> </u>     | $\vdash$     | Ė            | <u> </u> | ⊢              | <u> </u>   |
| , .   |  | $\vdash$                              | <u> </u>     |              | <u> </u>     | <del> </del> | <u> </u>     | <u> </u> | <del> </del> — | <u> </u>   |
|       | 40   | ├-                                    | <u> </u>     |              | _            | $\vdash$     | $\vdash$     | <u> </u> | $\vdash$       | $\vdash$   |
| -     | 41   | $\vdash$                              | <del> </del> | _            | <u> </u>     | $\vdash$     | $\vdash$     | _        | $\vdash$       | $\vdash$   |
|       | 42   | ├—                                    | <u> </u>     | -            | $\vdash$     | $\vdash$     | $\vdash$     | _        | $\vdash$       | $\vdash$   |
|       | 43   | ├—                                    | <del> </del> |              |              | -            | <del> </del> |          | -              | $\vdash$   |
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|       | 46   |                                       |              |              | $\vdash$     | $\vdash$     | $\vdash$     | <u> </u> | $\vdash$       | $\vdash$   |
|       | 47   | -                                     | <del> </del> |              | <del> </del> | -            | -            | -        |                | $\vdash$   |
|       | 48   |                                       | -            | -            | -            | -            |              |          |                | <u> </u>   |
|       | 49   |                                       | -            | <del> </del> |              | -            |              | -        | $\vdash$       | <del>                                     </del> |
|       | 50   | <del> </del>                          |              | $\vdash$     | $\vdash$     |              | $\vdash$     |          | $\vdash$       | -  |
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|          |  |          |          |          |   |      |               |  |          |        |
| <u>a</u> | Original                                     |          |          |          |   |      |               |  |          |        |
| Final    | Ē  |          |          |          |   |      |               |  |          |        |
|          | 0  |          |          |          |   |      |               |  |          |        |
|          | 51   |          |          |          |   |      |               | -  |          |        |
|          | 51<br>52                                     |          | _        |          |   |      |               |  | $\Box$   |        |
|          | 53   |          |          |          |   |      |               |  |          |        |
|          | 53<br>54<br>55                               |          |          |          |   |      |               |  |          |        |
|          | 55   |          |          |          |   |      | -             | -  | $\vdash$ | _      |
|          | 56   | _        | $\vdash$ |          |   |      | -             |  |          |        |
|          | 57   |          |          |          |   | _    |               | Т  | Г        |        |
|          | 58   |          |          |          |   | _    |               |  |          |        |
|          | 59<br>60                                     |          |          |          |   |      |               |  |          |        |
|          | 60   |          | 一        | $\Box$   |   |      |               |  | $\vdash$ | _      |
|          | 61   |          |          |          |   |      |               | $\Box$   | Т        |        |
|          | 62   |          |          |          |   |      |               | Г  |          |        |
|          | 63   |          |          | Ì        |   |      |               |  |          | $\Box$ |
|          | 62<br>63<br>64<br>65<br>66                   |          | Π        |          | Г |      | _             |  | l        |        |
|          | 65   |          |          |          |   |      | $\Box$        |  |          |        |
|          | 66   |          |          |          |   |      | $\Box$        |  | <u> </u> |        |
|          | 67   |          |          |          |   |      |               |  |          |        |
|          | 68   |          | $\vdash$ |          |   |      | _             | _  | $\Box$   |        |
|          | 68<br>69                                     | $\vdash$ |          | _        |   |      |               |  |          |        |
|          | 70   |          | _        |          |   |      | $\vdash$      | _  |          |        |
|          | 71   | _        | _        | $\vdash$ |   | _    | <del> </del>  | _  | <u> </u> |        |
| $\vdash$ | 72   | _        | -        | -        |   |      |               |  |          |        |
|          | 73   |          | _        |          | - |      | _             |  |          |        |
|          | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 | -        | -        | -        | _ |      |               | <del>                                     </del> | $\vdash$ |        |
|          | 75   |          |          |          |   |      |               |  | _        | _      |
|          | 76   |          | m        | ┢        |   |      |               |  |          |        |
|          | 77   | $\vdash$ | _        | _        | _ |      | <b></b>       | _  |          |        |
| $\vdash$ | 78   |          | <u> </u> |          |   |      |               | _  |          |        |
| $\Box$   | 79   | $\vdash$ | _        |          | _ |      |               | Г  |          |        |
|          | 80   |          |          |          |   |      |               |  |          |        |
|          | 81   |          |          |          |   |      |               | <u> </u>   |          |        |
|          | 82   |          |          |          |   |      | _             | _  | $\Box$   |        |
|          | 83   |          |          |          |   |      | Г             |  |          |        |
|          | 84   |          |          |          |   |      |               |  |          | _      |
|          | 84<br>85                                     |          |          |          |   |      |               |  |          |        |
|          | 86   |          |          |          |   |      | Г             |  |          | $\Box$ |
|          | 87   |          |          |          |   |      |               |  |          |        |
|          | 87<br>88                                     |          | _        |          |   |      |               |  |          |        |
|          | 89   |          |          |          |   |      | _             |  | Т        | $\Box$ |
|          | 90   |          |          |          |   |      |               |  |          |        |
|          | 91   |          |          |          |   |      |               |  |          |        |
|          | 92   | $\Box$   |          |          |   |      |               | Г  | $\Box$   |        |
|          | 93   |          |          |          |   |      | $\overline{}$ | Π  | $\Box$   |        |
|          | 94   |          |          |          |   |      |               |  |          |        |
|          | 95   |          |          |          |   |      | <u> </u>      | $\Box$   | $\Box$   |        |
|          | 96   |          |          |          |   |      | l             |  |          |        |
|          | 97   |          |          |          |   |      |               |  |          |        |
|          | 98   |          |          |          |   |      |               |  |          |        |
|          | 99   | Ĺ        |          |          |   |      |               |  |          |        |
|          | 100  |          |          |          |   |      |               |  |          |        |

| Claim        |   | Date     |          |          |  |  |  |  |  |          |
|--------------|---|----------|----------|----------|--|--|--|--|--|----------|
| Final        | Original                                      |          |          |          |  |  |  |  |  |          |
|              |   |          | -        | -        | -  | $\vdash$   | Н  | -  |  | $\vdash$ |
|              | 102   |          |          |          |  |  |  |  |  |          |
|              | 101<br>102<br>103                             |          |          |          |  |  |  |  |  |          |
|              | 104   |          |          |          |  |  |  |  |  |          |
|              | 104<br>105                                    |          |          |          |  |  |  |  |  |          |
|              | 106   |          |          |          |  |  |  |  |  |          |
|              | 107<br>108                                    |          |          |          |  |  |  |  |  |          |
| <u> </u>     | 108   |          |          |          | <u> </u>                                     |  | L  |  |  |          |
| <u> </u>     | 109   |          |          |          | _  | <u> </u>   | <u> </u>   |  | _  | $\vdash$ |
|              | 110   | _        |          | _        | ├-   | <u> </u>   | <u> </u>   |  |  | Ш        |
|              | 111   |          |          | -        |  |  | ┝  |  |  | Н        |
| <del> </del> | 112<br>113                                    | -        | -        | $\vdash$ | $\vdash$                                     | _  | $\vdash$   |  | -  | $\vdash$ |
|              | 114   | $\vdash$ | H        | $\vdash$ | <u> </u>                                     | ├  | <del> </del>                                     |  | -  | Н        |
| <u> </u>     | 115   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                                     | $\vdash$   | $\vdash$   | -  |  | Н        |
|              | 116   |          |          |          |  |  | <u> </u>   |  |  | Н        |
|              | 117   | Η-       |          | -        | -  | -  | -  |  | -  | H        |
| <b></b>      | 118   |          |          |          |  |  |  |  | <del>                                     </del> |          |
|              | 118<br>119                                    | _        | <u> </u> | _        | Г  |  |  |  |  | М        |
|              | 1 120   |          |          |          |  |  |  |  | Г  |          |
|              | 121   |          |          |          |  |  |  |  |  |          |
|              | 121<br>122<br>123                             |          |          |          |  |  |  |  |  |          |
|              | 123   |          |          |          |  |  |  |  |  | Щ        |
|              | 124   |          |          |          |  |  |  |  |  | Ш        |
|              | 125   |          |          |          | <u>                                     </u> | ļ  |  |  | _  | Ш        |
|              | 124<br>125<br>126<br>127<br>128<br>129<br>130 | _        |          | <u> </u> |  | <u> </u>   |  |  |  | Н        |
|              | 127   | $\vdash$ |          | $\vdash$ | ├  | <del> </del> —                                   | _  | —  | <del> </del>                                     |          |
|              | 120   | $\vdash$ |          | ⊢        | $\vdash$                                     |  | _  | _  | ├─   | Н        |
|              | 130   | ┢        |          | ┢        | -  | -  | <del> </del>                                     |  | ├  | -        |
|              | 131   |          |          | -        | H  |  |  | -  |  | H        |
|              | 132   |          |          | $\vdash$ |  | $\vdash$   |  |  |  | H        |
|              | 132<br>133                                    | Т        |          |          | -  |  |  | -  |  | П        |
|              | 134   |          |          |          |  |  |  |  |  |          |
|              | 135<br>136                                    |          |          |          |  |  |  |  |  |          |
|              | 136   |          |          |          |  |  |  |  |  |          |
|              | 137   |          |          |          |  |  |  |  | Ĺ  |          |
|              | 138   | _        |          | <u> </u> |  | _  |  | <u> </u>   |  | Ш        |
|              | 139   | <u> </u> | <u> </u> |          | <u> </u>                                     | _  | <u> </u>   | <u> </u>   | <u> </u>   | L        |
| ļ            | 140   |          | _        | _        |  | _  |  | L  |  | H        |
|              | 141   | _        | $\vdash$ | $\vdash$ |  | _  |  | $\vdash$   |  | $\vdash$ |
|              | 142<br>143                                    | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                                     | $\vdash$   | -  | $\vdash$   | $\vdash$   | $\vdash$ |
|              | 144   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                                     |  |  | $\vdash$   | $\vdash$   | $\vdash$ |
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|              | 146   |          | $\vdash$ | Т        |  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$ |
|              | 147   |          |          |          |  | <u> </u>   | -  | $\vdash$   | $\vdash$   |          |
|              | 148   |          |          |          |  | Γ.   |  |  |  |          |
|              | 149   |          |          |          |  |  |  |  |  |          |
|              | 150   |          |          |          |  |  |  |  |  |          |
|              |   |          |          |          |  |  |  |  |  |          |